To OTPE



HALLIBURTON ENERGY SERVICES, INC. Intellectual Property Section P.O. Box 1431 Duncan, OK 73536-0440 Fax No. (580) 251-3917 Telephone No. (580) 251-3125

# FAX COVER SHEET

10. OHE
Fax No.: 703/746-4060
From: John W. Wustenberg
Subject: 2002-IP-009291U1, Serial No. 10/650,186
Number of Pages (Including Cover): 23
Date Sent: July 26, 2004
If problems with transmission call Tammy L. Knight (580) 251-3125

#### CONFIDENTIALITY NOTICE

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TRANSMITTAL FORM (to be used for all correspondence after initial fil	Application Number  Filing Date  First Named Inventor	PTO/SB/21 (02-0 Approved for use through 07/31/2006. OMB 0651-00: tent and Trademark Office; U.S. DEPARTMENT OF COMMERC tion of information unless it displays a valid OMB control number 10/650,186 08/28/03 Lyle V. Lehman, et al 3672	31 :F
Fee Transmittal Form	ENCLOSURES (Check all to	After Allowance communication to Technology Center (TC)	
Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53	Licensing-related Papers  Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Ad Terminal Disclaimer Request for Refund CD, Number of CD(s)  Remarks Completion of Filing Requirements Signed Declaration	Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information  Status Letter Other Enclosure(s) (please Identify below):	
	TURE OF APPLICANT, ATTOR	RNEY, OR AGENT	_
	ERTIFICATE OF TRANSMISSI	as deposited with the United States Postal Service Wit	

Typed or printed name	Tammy Knight		
Signature	ammes	mant	Date 7-26-04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or tetals a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case, Any comments on the gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and smount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, cell 1-800-PTO-9199 and select option 2.

to the above-identified deposit account.

FEE CALCULATION

Extension for reply within first month

(\$) 1610.00

26 JUL 04

SUBTOTAL (3)

(Complete (# applicable)) Telephone 580-251-3125

210 Extension for reply within second month



PTO/SB/17 (10-03)

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. FEE TRANSMITTAL 10/650,186 Application Number 08/28/03 Filing Date for FY 2004 Lyle V. Lehman, et al First Named Inventor Effective 10/01/2003. Patent fees are subject to annual revision. **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 3672 Art Unit 2002-IP-009291U1 (\$) 1610.00 Attorney Docket No. TOTAL AMOUNT OF PAYMENT FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES None Check Credit card arge Entity | Small Entity Fee Description Fee Code Deposit Account: Fee Paid Code (\$) 130 65 Surcharge - late filing fee or oath Deposit 08-0300 1051 130 2051 Account 25 Surcharge - late provisional filing fee or Number 2052 1052 50 cover sheet Deposit Account Non-English specification 130 1053 130 1053 1812 2,520 For filing a request for ex parte reexamination Director is authorized to: (check all that apply) 1812 2,520 920° Requesting publication of SIR prior to Examiner action Credit any overpayments ✓ Charge fee(s) indicated below 1804 9201 1804 Charge any additional fee(s) or any underpayment of fee(s) 1805 1,840° Requesting publication of SIR after Charge fee(s) indicated below, except for the filing fee 1805 1,8401

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	1202 :	1		4
1. BASIC FILING FEE	1253 950	2253 475	Extension for reply within third month	1480
Lerge Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid	1254 1,480	2254 740		
Fee Fee Fee Fee Fee Fee Fee Fee Description	1255 2,01	2255 1,00	5 Extension for reply within fifth month	
1001 770 2001 385 Utility filing fee	1401 33		5 Notice of Appeal	
1002 340 2002 170 Design filling fee	1.0	` I .	5 Filing a brief in support of an appeal	
1003 530 2003 265 Plant filing fee	,		5 Request for oral hearing	<u></u>
1004 770 2004 385 Reissue filing fee	1403 29		Petition to institute a public use proceeding	
1005 160 2005 80 Provisional filing fee	1451 1,51		5 Petition to revive - unavoldable	
SUBTOTAL (1) (\$)	1452 11	_		
	1453 1,33	-	55 Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,33		55 Utility issue fee (or reissue)	<b> </b>
Extra Claims below Fee Paid	1502 48		10 Design issue fee	<u> </u>
Total Claims -20** = X =	1503 64		20 Plant issue fee	<del></del>
Independent 3** X X	1460 13		30 Petitions to the Commissioner	
Claims Multiple Dependent	1807	0 1807	50 Processing fee under 37 CFR 1.17(q)	
	1806 18	1806 1	80 Submission of Information Disclosure Stmt	
Large Entity   Small Entity   Fee Description	1000		Recording each patent assignment per	1
Code (\$) Code (\$)	8021	.0   00=.	property (times number of properties)	
1202 18 2202 9 Claims in excess of 20	1809 7	ro 2809 3	85 Filing a submission after final rejection (37 CFR 1.129(a))	<u> </u>
1201 86 2201 43 Independent claims in excess of 3	1	1	and the section to be	
1203 290 2203 145 Multiple dependent claim, if not paid	1810 7	ro 2810 3	85 For each additional invention to be examined (37 CFR 1.129(b))	<b> </b>
2204 43 ** Reissue independent claims	1801 7	70 2801 3	85 Request for Continued Examination (RCE)	
over original patent			300 Request for expedited examination	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1602 8	··   1.502	of a design application	
and Over duding barent	<b>B</b>			

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WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

35,415

This collection of information is sequired by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the Inis collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

(Attorney/Agent)

(\$)

SUBTOTAL (2)

SUBMITTED BY

Name (Print/Type)

Signature

or number previously paid, if greater; For Reissues, see above

John W. Wustenberg



Practitioner's Docket No. 2002-IP-009291U1

PATENT

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lyle V. Lehman, et al

Application No.: 10 / 650,186 3672 Group No.: Unknown Filed: August 28, 2003 Examiner:

For: Vibrating System and Method for Use in Sand Control and Formation

Stimulation in Oil and Gas Recover Operations

Mail Stop Provisional Patent Application Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450

# COMPLETION OF FILING REQUIREMENTS -NONPROVISIONAL APPLICATION

	(check and complete this item, it applicable)	
<b>l.</b>	mailed 12/05/03	
NC	OTE: If these papers are filed before the office letter issues, adequate identification of the original pap should be made, e.g., in addition to the name of the inventor and title of invention, the filing date bes on the "Express Mail" procedure, the serial number from the return post card or the attorney's doc number added.	kel
	A copy of the Notice to File Missing Parts of Application—Filing Date Grant (Form PTO-1533) is enclosed.	ed
NO	OTE: The PTO requires that a copy of Form PTO-1533 be returned with the response to the notice to missing parts to the application.	file
	CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10° (When using Express Mail, the Express Mail tabel number is mandatory; Express Mail certification is optional.)	
I here	eby certify that, on the date shown below, this correspondence is being:	
	MAILING	
	deposited with the United States Postal Service in an envelope addressed to Commissioner for Patents, P. Box 1450, Alexandria, VA 22313-1450	.0.
	37 C.F.R. § 1.8(a) 37 C.F.R. § 1.10 *	
□ w	with sufficient postage as first class meil.    □ as "Express Meil Post Office to Addressee"	
	Mailing Label No (mandate	7)
	TRANSMISSION	
E) fe	acsimile transmitted to the Patent and Trademark Office, (703) 746 - 4060	

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facalmile transmission (§ 1.6(d)) for the reply to be accorded the serilest possible filing date for patent term edjustment calculations.

Signature

(Completion of Filing Requirements-Nonprovisional Application [5-1]-page 1 of 7)

Tammy Knight

(type or print name of person certifying)

07/27/2004 JBALINAN 00000061 080300 10650186

PO-JG. T. Deter

02 FC:1254 1480.00 DA



# **DECLARATION OR OATH**

it. 🛱 No declaration or oath was filed. Enclosed is the original declaration or oath for this application.

NOTE: If the correct inventor or inventors are not named on filing a nonprovisional application under § 1.53(b) without an executed oath or declaration under § 1.63, the later submission of an executed oath or declaration under § 1.63 during the pendency of the application will act to correct the earlier identification of inventorship. 37 C.F.R. § 1.48(f)(1).

#### OF

The declaration or oath that was filed was determined to be defective. A new original oath or declaration is attached.

NOTE: For surcharge fee for filing declaration after filing date complete item VI(3) below.

NOTE: "The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 C.F.R. § 1.63:

"(A) application number (consisting of the series code and the serial number, e.g., 08/123,456);

- "(B) serial number and filing date;
- \*(C) attorney docket number which was on the specification as filed;

"(D) title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or

"(E) title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the seriel number, e.g., 08/123,456), or serial number and filling date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."

M.P.E.P. \$ 601.01(a), 7th Ed.

NOTE: Another minimum found acceptable in the declaration is the filing date (i.e., date of express mail) and the express mail number, useful where the serial number is not yet known. But note the practice where the express mail deposit is a Saturday, Sunday or holiday within the District of Columbia. 37 C.F.R. § 1.10(c).

(complete (c) or (d), if applicable)

## Attached is a

- (c) Statement by a registered attorney that the application filed in the PTO is the application that the inventor executed by signing the declaration.
- (d) Statement that the "attached" specification is a copy of the specification and any amendments thereto that were filled in the PTO to obtain the filling date.

#### **AMENDMENT CANCELLING CLAIMS**

Hi.		Cancel	claims		inclusi	lve.
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(Completion of Filing Requirements-Nonprovisional Application [5-1]-page 2 of 7)

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LEGAL

# TRANSMITTAL OF ENGLISH TRANSLATION OF NON-ENGLISH LANGUAGE PAPERS

IV. 

Submitted herewith is an English translation of the non-English language application papers as originally filed. Also submitted herewith is a statement by the translator of the accuracy of the translation. It is requested that this translation be used as the copy for examination purposes in the PTO.

NOTE: For fee processing a non-English application, complete item VI(5) below.

NOTE: A non-English oath or declaration in the form provided by the PTO need not be translated. 37 C.F.R. \$ 1.69(b).

		SMALL ENTITY STATUS	
', a.		An assertion that this filing is by a small entity	
		(check and complete applicable items)	
		☐ is attached.	
		was filed on (original).	
		was made by paying the basic filing fee as a small	ll entity.
		is being made now by paying the basic filing fee	
b.		A separate refund request accompanies this paper.	
		COMPLETION FEES	
п_			
		Failure to submit the surcharge fees where required will cause abandoned, 37 C.F.R. § 1.53.	
NOT	E: F	or effect on fees of failure to establish status, or change status, as a small o	antity, see 37 C.F.R. \$ 1.28(a).
1.	Fille	ng fee	
		original patent application (37 C.F.R. § 1.16(a)—\$770.00; Small entity—\$385.00)	\$
		design application	\$
		(37 C.F.R. § 1.16(f)—\$340.00; small entity—\$170.00)	<b>9</b>
			\$
2.	Fee	s for claims	
		each independent claim in excess of 3 (37 C.F.R. § 1.16(b)—\$86.00; small entity—\$43.00)	\$
		each claim in excess of 20 (37 C.F.R. § 1.16(c)—\$18.00; small entity—\$9.00)	\$
		multiple dependent claim(s) (37 C.F.R. § 1.16(d)—\$290.00; small entity—\$145.00)	\$
		(Completion of Filing Requirements—Nonprovisional Ap	plication [5-1]page 3 of 7)



3.	Surc	harge	fees
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包	declaration or oath late late filing of original (37 small entity-\$65.00);	payment C.F.R. §	of filing 1.16(e)-	fee and/or \$130.00;
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<b>c</b> 130.00	
<b>\$</b> 130.00	

NOTE: If both the filing fee and declaration or oath were missing from the original papers, the Office practice under § 37 C.F.R. § 1.16(e) is that only one surcharge Fee need be paid whether the later filed oath or declaration and/or the filing fee are submitted afterwards at the same time or at different times.

4.		Petition and fee for filing by other than all the inventors or a person not the inventor (37 C.F.R. §§ 1.17(i) and 1.47—\$130.00)	\$
5.		Fee for processing an application filed with a specification in a non-English language (37 C.F.R. §§ 1.17(k) and 1.52(d)—\$130.00)	\$
6.		Fee for processing and retention of application (37 C.F.R. §§ 1.21(f) and 1.53(d)—\$130.00)	\$
-	_	Andrews (Con MACCICANAENT COVER CHEET!)	

7. Assignment (See "ASSIGNMENT COVER SHEET".)

NOTE: 37 C.F.R. § 1.21(f) establishes a fee for processing and retaining any application which is abandoned for falling to complete the application pursuant to 37 C.F.R. § 1.53(f) and this, as well as, the changes to 37 C.F.R. §§ 1.53 and 1.78 indicate that in order to obtain the benefit of a prior U.S. application, either the basic filing fee or the processing and retention fee of § 1.21(f) within 1 year of notification under §1.53(f) must be paid.

Total completion fees

\$ 130	•	00	

#### **EXTENSION OF TIME**

VII.

(complete (a) or (b), as applicable)

NOTE: 37 C.F.R. § 1.704(b) "... an applicant shall be deemed to have failed to engage in reasonable efforts to conclude processing or examination of an application for the cumulative total of any periods of time in excess of three months that are taken to reply to any notice or action by the Office making any rejection, objection, argument, or other request, measuring such three-month period from the date the notice or action was mailed or given to the applicant, in which case the period of adjustment set forth in § 1.703 shall be reduced by the number of days, if any, beginning on the day after the date that is three months after the date of mailing or transmission of the Office communication notifying the applicant of the rejection, objection, argument, or other request and ending on the date the reply was filed. The period, or shortened statutory period, for reply that is set in the Office action or notice has no effect on the three-month period set forth in this paragraph."

The proceedings herein are for a patent application, and the provisions of 37 C.F.R. § 1.136(a) apply.

(a) Applicant petitions\ for an extension of time, the fees for which are set out in 37 C.F.R. § 1.17(a)(1)-(4), for the total number of months checked below:

Extension		Fee for other than	Fee for		
(months)		small entity	small entity		
	one month	\$ 110.00	\$ 55.00		
	two months	\$ 420.00	\$ 210.00		
	three months	\$ 950.00	\$ 475.00		
	four months	\$ 1,480.00	\$ 740.00		

Fee: \$ 1480.00

If an additional extension of time is required, please consider this a petition therefor.

(Completion of Filing Requirements-Nonprovisional Application (5-1)-page 4 of 7)

/	OIPE
B	JUL 2 6 2004
É	MADEMARKOW

OIPE						
	(check and complete the next item, if applicable)					
JUL 2 6 2004 July	An extension for months has already been secured, and the fee paid therefor of \$ is deducted from the total fee due for the total months of extension now requested.					
TRADEMARK O	Extension fee due with this request \$					
	or					
(b)	Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.					
	TOTAL FEE DUE					
VIII.						
	The total fee due is					
	Completion fee(s) \$ 130.00					
	Extension fee (if any) \$ 1480.00  Total Fee Due \$ 1610.00					
	PAYMENT OF FEES					
DC.	•					
	Attached is a  check  money order in the amount of \$					
Authorization is hereby made to charge the amount of \$1610.00						
_	to Deposit Account No. 08-0300					
	to Credit card as shown on the attached credit card information authorization form PTO-2038.					
WAI	RNING: Credit card information should not be included on this form as it may become public.					

(Completion of Filing Requirements-Nonprovisional Application [5-1]-page 5 of 7)

Charge any additional fees required by this paper or credit any overpayment in the

manner authorized above.

A duplicate of this paper is attached.

# AUTHORIZATION TO CHARGE ADDITIONAL FEES

WARNING: Accurately count claims, especially multiple dependant claims, to avoid unexpected high charges if extra claims are authorized.

NOTE: "Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).

The Office is hereby authorized to charge, in the manner shown above, the following additional fees that may be required by this paper and during the entire pendency of this application.

37	C.F.R.	ş	1.16(a),	<b>(f)</b>	Of	(g)	(fil	ing	fees)
									_

37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.18(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

23 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

23 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a))

37 C.F.R. § 1.17 (application processing fees)

NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a patition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. \$ 1.136(a)(3).

☐ 37 C.F.R. § 1.18 (Issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))

NOTE: Section 1.311(b) provides that an authorization to charge the issue fee (§ 1.18) to a deposit account may be filed in an individual application only after the mailing of the notice of allowance. Accordingly, general authorizations to pay fees and specific authorizations to pay the issue fee that are filed prior to the mailing of a notice of allowance will generally not be treated as requesting payment of the issue fee and will not be given effect to act as a reply to the notice of allowance. Applicant, when paying the issue fee, should submit a new authorization to charge fees, such as by completing box 6b on the current PTOL-85B form. Where no reply to the notice of allowance is received, the application will stand abendoned notwithstanding the presence of general authorizations to pay fees or a specific authorization to pay the issue fee that were submitted prior to mailing of the notice of allowance. Where an attempt is made to pay the issue fee but an incorrect amount is submitted, § 1.311(b)(1), or where the Office's issue fee transmittal form (currently PTOL-85(B)) is completed by applicant and submitted, § 1.311(b)(2), in reply to a notice of allowance, an exception will be made. Such submissions will operate as a request to charge the issue fee to any deposit account identified in a previously filed (i.e., submitted prior to the mailing of the notice of allowance) authorization to charge fees, and will be allowed to act as payment of the correct issue fee. § 1.311(b). See also the change to § 1.28(b). Notice of September 8, 2000, Fed. Reg. 54603-54683, at 54848 and 54647.



Reg. No. 35,415

Tel. No.: (580) 251-3782

Customer No.:

W. Wustenberg (type or print name of practitioner)

P.O. Box 1431

P.O. Address

Duncan, OK 73536-0440

(Completion of Filing Requirements-Nonprovisional Application [5-1]-page 7 of 7)



03:17:16 p.m. 07-26-2004

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Page 1 of 2



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United Status Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1436 Alsonadria, Veginia 22313-1450

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER	
	40.00.000	* 1 17 7 1	TTDC 0000 ID 000001TI	

10/650,186

08/28/2003

Lyle V. Lehman

HES 2002-IP-009291U1

**CONFIRMATION NO. 6459** 

29920 JOHN W. WUSTENBERG P.O. BOX 1431 2600 SOUTH 2ND STREET DUNCAN, OK 73536 FORMALITIES LETTER

\*OC000000011428883\*

Date Mailed: 12/05/2003

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

## **Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

## **SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is \$130 for a Large Entity

• \$130 Late oath or declaration Surcharge.

# Items Required To Avoid Processing Delays:

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- A new oath or declaration, identifying this application number is required. The oath or declaration does not comply with 37 CFR 1.63 in that it:
- does not identify the citizenship of each inventor.

Replies should be mailed to: Mail Stop Missing Parts

07/27/2004 JBALINAN 00000061 080300 10650186

01 FC:1051

130.00 DA

03:17:40 p.m. 07-26-2004

Page 2 of 2

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Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.

Customer Service (Center Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE